

Message Text

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PAGE 01 BUCAR 04803 240943Z

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ACTION EUR-12

INFO OCT-01 NEA-10 EB-07 ISO-00 /030 W

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R 240748Z SEP 75

FM AMEMBASSY BUCHAREST

TO USDOC WASHDC

INFO SECSTATE WASHDC 4729

AMEMBASSY DAMASCUS

AMEMBASSY VIENNA

UNCLAS BUCHAREST 4803

USDOC ALSO FOR BEWT/TDAD

E.O. 11652: N/A

TAGS: BTIO, RO

SUBJECT: TRADE OPPORTUNITY - THIRD GAS COMPRESSOR FOR REFINERY

1. 485/01/P0004
2. 92375
3. H. CLARKE
4. 485 ROMANIA
5. Y. GOVERNMENT FOREIGN TRADE ORGANIZATION
- 6A. REPLY TO --
- 6B. REMUS IVAN
- 6C. INDUSTRIALEXPORT, STR. CONSTANTIN MILLE 10, BUCHAREST,
ROMANIA
7. TELEX 011-407; PHONE 13-22-60
8. --
9. 104
- 9A. BID REQUEST BY ROMANIAN FOREIGN TRADE ORGANIZATION
INDUSTRIALEXPORT
10. DESCRIPTION

3563155 - HORIZONTAL, OPPOSED CYLINDER RECIPROCATING COMPRESSOR
FOR RICH HYDROGEN GAS RECIRCULATION FOR A KEROSENE HYDRO-
FINING UNIT. PROCESS REQUIREMENTS: VOLUMETRIC RATE AT
SUCTION - 378 CUBIC METER/HOUR; SUCTION TEMPERATURE - 45
GRADE C; SUCTION PRESSURE - 34 ATA; DISCHARGE PRESSURE - 45
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ATA; COMPRESSION RATIO - 1,325; SPEED - MAXIMUM 500 ROTATIONS

PER MINUTE. CYLINDER DATA: ONE STAGE, TWO CYLINDERS PER STAGE, WITH DOUBLE EFFECT; RESIDUAL PULSATION 2. CYLINDERS WILL BE LUBRICATED UNDER PRESSURE USING THE COMPRESSOR SHAFT AS DRIVER. COOLING SYSTEM: UNDER PRESSURE; MAXIMUM TEMPERATURE OF THE COOLING WATER AT COOLER AND CYLINDER INLET - 30 DEGREES C; MAXIMUM DIFFERENCE OF TEMPERATURE BETWEEN COOLING WATER INLET AND OUTLET - 10 DEGREES C; MAXIMUM PRESSURE AT COOLER AND CYLINDER INLET - 7 ATA; MINIMUM PRESSURE AT COOLER AND CYLINDER OUTLET - 5 ATA. THE COMPRESSOR SHOULD BE DRIVEN BY AN ELECTRIC MOTOR, USING A REDUCER FOR THE TRANSMISSION. SPECIAL REQUIREMENTS: THE SEALING TEST SHALL BE DONE WITH HELIUM OR HYDROGEN, AND THE COMPRESSOR SHOULD BE ABLE TO WORK 8000 HOURS/YEAR. REMAINING TECHNICAL CHARACTERISTICS SHOULD BE RECOMMENDED BY THE VENDOR. INDUSTRIALEXPORT EXPECTS CONCRETE OFFERS IN EARLY OCTOBER, SO U.S. FIRMS ARE URGED TO CONTACT THEM PROMPTLY.

11. BACKGROUND: FTO INDUSTRIALEXPORT HAS SIGNED A CONTRACT WITH SYRIA TO BUILD A 6 MILLION TON PETROLEUM REFINERY IN BANIAS (NORTHERNSYRIA) UNDER AMERICAN UOP LICENSE. IN ADDITION TO EQUIPMENT AND MACHINERY MANUFACTURED IN ROMANIA, INDUSTRIALEXPORT WILL IMPORT COMPLEMENTARY MACHINERY INCLUDING COMPRESSORS, MIXERS, ELECTRIC HEATERS, FILTERS, DUST COLLECTORS, SEPARATORS, PURIFICATION UNITS AND AIR DRYERS. THE ESTIMATED VALUE OF THESE IMPORTS IS 30-40 MILLION DOLLARS. THE REFINERY IS SUPPOSED TO GO ON STREAM IN 1977. THE IMPORTS WILL BE MADE STARTING WITH THE FOURTH QUARTER OF 1975 UNTIL THE FIRST QUARTER OF 1977. THE ROMANIAN-SYRIAN CONTRACT ANTICIPATES THAT THE REFINERY WILL BE ENLARGED AFTER 1977, WHICH WOULD GIVE AMERICAN COMPANIES FURTHER SALE OPPORTUNITIES.
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Message Attributes

Automatic Decaptioning: X
Capture Date: 01 JAN 1994
Channel Indicators: n/a
Current Classification: UNCLASSIFIED
Concepts: n/a
Control Number: n/a
Copy: SINGLE
Draft Date: 24 SEP 1975
Decaption Date: 01 JAN 1960
Decaption Note:
Disposition Action: n/a
Disposition Approved on Date:
Disposition Authority: n/a
Disposition Case Number: n/a
Disposition Comment:
Disposition Date: 01 JAN 1960
Disposition Event:
Disposition History: n/a
Disposition Reason:
Disposition Remarks:
Document Number: 1975BUCHAR04803
Document Source: CORE
Document Unique ID: 00
Drafter: n/a
Enclosure: n/a
Executive Order: N/A
Errors: N/A
Film Number: D750331-0066
From: BUCHAREST
Handling Restrictions: n/a
Image Path:
ISecure: 1
Legacy Key: link1975/newtext/t19750919/aaaaaqpe.tel
Line Count: 93
Locator: TEXT ON-LINE, ON MICROFILM
Office: ACTION EUR
Original Classification: UNCLASSIFIED
Original Handling Restrictions: n/a
Original Previous Classification: n/a
Original Previous Handling Restrictions: n/a
Page Count: 2
Previous Channel Indicators: n/a
Previous Classification: n/a
Previous Handling Restrictions: n/a
Reference: n/a
Review Action: RELEASED, APPROVED
Review Authority: RowellE0
Review Comment: n/a
Review Content Flags:
Review Date: 18 MAR 2003
Review Event:
Review Exemptions: n/a
Review History: RELEASED <18 MAR 2003 by maustmc>; APPROVED <10 FEB 2004 by RowellE0>
Review Markings:

Margaret P. Grafeld
Declassified/Released
US Department of State
EO Systematic Review
06 JUL 2006

Review Media Identifier:
Review Referrals: n/a
Review Release Date: n/a
Review Release Event: n/a
Review Transfer Date:
Review Withdrawn Fields: n/a
Secure: OPEN
Status: NATIVE
Subject: TRADE OPPORTUNITY - THIRD GAS COMPRESSOR FOR REFINERY
TAGS: BTIO, RO
To: COM
Type: TE
Markings: Margaret P. Grafeld Declassified/Released US Department of State EO Systematic Review 06 JUL 2006